



Search by part # or keyword

Products

Industries & Solutions

Resources

TE Store

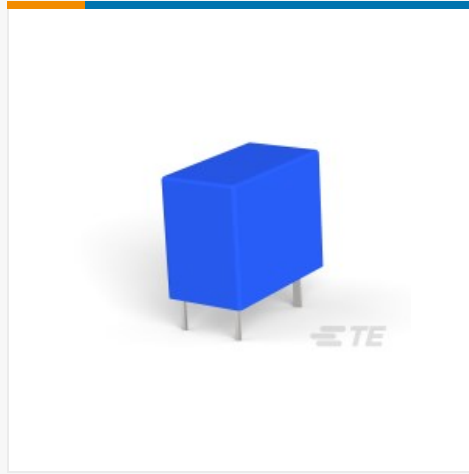
Sign In



Relays, Contactors & Switches > Relays > Power Relays

OJE-SS-124HMF,F000

OJE-SS-124HMF,F000



OEG | OEG Miniature PCB Relay OJ/OJE

TE Internal #: **6-1419128-6**

TE Internal Description: **OJE-SS-124HMF,F000**

Power Relay Type : **Standard**

Coil Magnetic System : **Monostable, DC**

Coil Power Rating Class (mW): **400 – 500**

Coil Power Rating DC (mW): **450**

Coil Resistance (Ω): **1280**

[Similar Products](#) | [Digital Datasheet](#)



ORDER SAMPLES

Compatible Parts & Tooling



We are here to help!

Get in touch with our product experts.



CHAT WITH US



EMAIL US



CALL US

Feedback

Documents

Features

Product Compliance

Product Drawings

OJE-SS-124HMF,F000
[OJE-SS-124HMF,F000](#) English

CAD Files

3D PDF
[3D_CVM_CVM_6-1419128-6_F.pdf](#) 3D
 Customer View Model
[ENG_CVM_CVM_6-1419128-6_F.2d_dxf.zip](#)
 English
[ENG_CVM_CVM_6-1419128-6_F.3d_igs.zip](#)
 English
[ENG_CVM_CVM_6-1419128-6_F.3d_stp.zip](#)
 English

Datasheets & Catalog Pages

OJ_OJE Series Relay Data Sheet English
[ENG_DS_OJ_OJE_series_relay_data_sheet_E_0318.pdf](#) English

Product Specifications

Definitions Relays
[ENG_SS_Definitions_Relays_0518.pdf](#) English

Product Environmental Compliance

TE Material Declaration
[ENG_PC_MD_6-1419128-6_A.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Power Relay Type : **Standard**

Electrical Characteristics

Contact Limiting Breaking Current (A): **10**
Coil Magnetic System : **Monostable, DC**
Coil Power Rating Class (mW): **400 – 500**
Coil Power Rating DC (mW): **450**
Coil Resistance (Ω): **1280**
Coil Special Features : **UL Coil Insulation Class F**
Coil Voltage Rating (VDC): **24**
Contact Switching Load (Min) : **100mA @ 5V**
Contact Switching Voltage (Max) (VAC): **277**
Contact Switching Voltage (Max) (VDC): **30**
Contact Voltage Rating (VAC): **250**
Contact Voltage Rating (VDC): **30**
Insulation Creepage Between Contact & Coil :
3.6 mm [.141 in]
Insulation Initial Dielectric Between Contacts & Coil (Vrms):
3000
Insulation Creepage Class (mm): **3 – 5.5**
Contact Limiting Continuous Current (A): **10**
Contact Limiting Short-Time Current (A): **10**
Contact Limiting Making Current (A): **10**
Insulation Initial Dielectric Between Open Contacts (Vrms):
750
Insulation Initial Dielectric Between Coil & Contact Class (V):
2500 – 3000

Body Features

Product Weight : **9 g [.318 oz]**
Insulation Special Features :
Tracking Index of Relay Base PTI250

Contact Features

Contact Arrangement : **1 Form A (NO)**
Contact Current Class (A): **5 – 10, 16**
Contact Current Rating (Max) (A): **10**
Contact Material : **W + AgSnO2**
Contact Number of Poles : **1**
Terminal Type : **PCB-THT**

Mechanical Attachment

Relay Mounting Type : **Printed Circuit Board**

Dimensions

Product Height : **14.7 mm [.579 in]**
Product Length : **18.2 mm [.717 in]**
Product Width : **10.2 mm [.4 in]**
Width Class (Mechanical) (mm): **10 – 12**
Insulation Clearance Between Contact & Coil :
3.2 mm [.125 in]
Height Class (Mechanical) (mm): **14 – 15**
Insulation Clearance Class (mm): **0 – 2.5**
Length Class (Mechanical) (mm): **16 – 20**



Usage Conditions

Environmental Category of Protection : **RTII**
 Environmental Ambient Temperature (Max) : **70 °C [158 °F]**
 Environmental Ambient Temperature Class (°C): **50 – 70**

Packaging Features

Packaging Method : **Box & Tray, Tray**

EU RoHS Directive 2011/65/EU

Exemptions:
 8(b) - Cd- Electrical Contacts

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).

EU ELV Directive 2000/53/EC

Substances: Cd

China RoHS 2 Directive MIIT Order No 32, 2016

部件名称 (Component Name) 6-1419128-6 继电器 (Relays)	有害物质 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴联 苯 (PBB)	多溴二苯 醚 (PBDE)
	○	○	X	○	○	○

本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.

○: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。
 Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。
 Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.

电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。
 The EFUP value of EEP is defined according to SJ/T 11388 standard.

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**
 Candidate List Declared Against: **JAN 2018 (181)**

Halogen Content

Solder Process Capability

Wave solder capable to 265°C

Statement of Compliance

[Statement of Compliance pdf](#)

Compliance Documents

There may be Environmental Compliance related

Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Products with Similar Specs

[View All Similar Products](#)

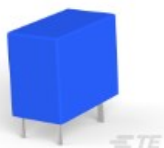
THIS PRODUCT

TOP RESULTS

POWER RELAYS

OJE-SS-124HMF,F000

OJE-SS-124HMF, F000



In-Stock

Power Relay Type : **Standard**

Coil Magnetic System :
Monostable, DC

Coil Power Rating Class : **400 –**

500 mW

Coil Power Rating DC : **450 mW**

POWER RELAYS

OJE-SS-124HM,000

OJE-SS-124HM, 000



In-Stock

Power Relay Type : **Standard**

Coil Magnetic System :
Monostable, DC

Coil Power Rating Class : **400 –**

500 mW

Coil Power Rating DC : **450 mW**

POWER RELAYS

OJE-SS-105HM,000

OJE-SS-105HM, 000



In-Stock

Power Relay Type : **Standard**

Coil Magnetic System :
Monostable, DC

Coil Power Rating Class : **400 –**

500 mW

Coil Power Rating DC : **450 mW**

POWER RELAYS

OJE-SS-124HM-WG

OJE-SS-124HM-WG



Non-Stocked

Power Relay Type : **Standard**

Coil Magnetic System :
Monostable, DC

Coil Power Rating Class : **400 –**

500 mW

Coil Power Rating DC : **450 mW**

Coil Power Rating DC : **450 mW**
Coil Resistance : **1280 Ω**

Coil Power Rating DC : **450 mW**
Coil Resistance : **1280 Ω**

Coil Power Rating DC : **450 mW**
Coil Resistance : **55.6 Ω**

Coil Power Rating DC : **450 mW**
Coil Resistance : **1280 Ω**

Also in the Series | [OEG Miniature PCB Relay OJ/OJE](#)



[Power Relays \(91\)](#)

[ABOUT TE CONNECTIVITY](#)

[FOR PARTNERS](#)

[SUPPORT](#)

[CALL US](#)

[LIVE CHAT](#)

[UNITED STATES \(EN\)](#)